Mountain Weather Forecast

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch
Forecast valid from 06:00 on Saturday 20 Jan 2024 until 23:59 on Sunday 21 Jan 2024

Forecast Issued on Saturday 20 Jan 2024 at 02:47 by Met Office Aberdeen

Confidence: High for changeable weather to continue over the next few days with a stormy spell of weather developing on Sunday.

Headline for Saturday 20 Jan 2024: Early sleet or snow then mainly dry and very windy. Rain and summit snow developing in the evening.

Mountain weather hazards on Saturday 20 Jan 2024

Blizzards
Low Likelihood

Heavy persistent snow
Low Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Sleet	Cloudy	Cloudy	Light rain	Heavy Rain
Precipitation probability					
50%	30%	20%	20%	30%	60%

Forecast for Saturday 20 Jan 2024

Weather: Snow will turn light and patchy by dawn to leave the rest of the day largely dry and cloudy. Rain, and higher summit snow, will spread from the west in the evening. Very windy.

Chance of cloud-free hill tops above 800m: 30%, best chance in the afternoon across Monadhliath and the Cairngorms

Low cloud and visibility: Poor in areas of low cloud down to 700 to 1000 metres throughout the day, this most widespread first thing. Cloud tending to become more broken by the afternoon especially in the north of the area before becoming more extensive in the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 20 Jan 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	46/57 S	45/57 SW	43/55 SW	45/59 S	50/65 S	47/62 S	39/51 S
900	53/61 S	45/53 SW	41/51 SW	45/56 S	51/65 S	48/61 S	41/52 S
600	33/41 SW	28/36 SW	25/36 SW	29/40 SW	35/48 S	32/45 S	29/40 S
300	13/32 SW	13/31 SW	13/31 SW	17/37 S	20/44 S	20/42 S	17/37 SW
Glen	7/30 SW	6/28 SW	5/25 SW	5/27 SW	7/34 S	7/32 S	6/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-4/-15	-3/-13	-2/-12	-2/-12	-2/-12	-2/-12	-3/-12
900	0/-10	0/-9	2/-7	1/-7	2/-8	1/-7	0/-8
600	2/-5	2/-4	4/-3	4/-3	4/-4	4/-3	3/-4
300	2/-2	4/-1	5/1	5/1	6/0	6/1	5/-0
Glen	2/-2	2/-1	5/2	6/3	6/2	6/2	5/1
Freezing Level*	700m	900m	1100m	1100m	1200m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View
Note rising freezing levels through the day, this will lead to a thaw of some lying snow. Gale or severe gale summit winds, reaching 70 mph or more across the Cairngorm Plateau will bring serious conditions, and combined with poor visibility making progress will be difficult.

Forecast for Sunday 21 Jan 2024
Weather: Scattered snow showers, heavy at first, in the morning. Widespread rain, heavy at times, will extend northeastwards through the afternoon and be briefly preceded by summit snow. Wet and very windy conditions continuing into the evening.

Maximum wind: Southerly 35 mph gust 50 mph, this strengthening towards evening with gusts reaching 60 to 80 mph on the tops

Chance of cloud-free hill tops above 800m: 60% in the morning, lowering to 30% in the afternoon

Low cloud and visibility: Very good visibility in the morning outside of cloud and snow showers, some patchy cloud down to 800 metres. Poor visibility developing as low cloud arrives in the afternoon down to 700 metres although this may well be quite broken across the west of the area.

Temperature: **Glens:** 0 rising to 8 Celsius
At 800m: 0 Celsius
Freezing level: 800 metres rising to 2000 metres through the afternoon

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